Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A fusion protein comprising:

(a) a subject protein; and

(b) a polyanionic domain attached to the subject protein at a terminal region, wherein the polyanionic domain binds to a polycationic coating deposited on a solid support and the polyanionic domain has the formula -[-(SEQ ID NO:1)$_x$-SEQ ID NO:2-]-$_n$ wherein x is 5, 6, 7 or 8 and n is an integer between ~~about~~ 1 and 4, or -[-(SEQ ID NO:1)$_y$-SEQ ID NO:6-]-$_m$, wherein y is 0, 1, 2, 3, 4, 5, 6, 7 or 8 and m is an integer between ~~about~~ 1 and 40, and wherein SEQ ID NO:1 is Ala-Gly, SEQ ID NO:2 is Pro-Glu-Gly and SEQ ID NO:6 is Glu-Gly, wherein the terminal region is the amino-terminal region.

2. (Cancelled).

3. (Currently Amended) ~~The protein of claim 1,~~ A fusion protein comprising:

(a) a subject protein; and

(b) a polyanionic domain attached to the subject protein at a terminal region, wherein the polyanionic domain binds to a polycationic coating deposited on a solid support and the polyanionic domain has the formula -[-(SEQ ID NO:1)$_x$-SEQ ID NO:2-]-$_n$ wherein x is 5, 6, 7 or 8 and n is an integer between 1 and 4, or -[-(SEQ ID NO:1)$_y$-SEQ ID NO:6-]-$_m$, wherein y is 0, 1, 2, 3, 4, 5, 6, 7 or 8 and m is an integer between 1 and 40, and wherein SEQ ID NO:1 is Ala-Gly, SEQ ID NO:2 is Pro-Glu-Gly and SEQ ID NO:6 is Glu-Gly, wherein the terminal region is the carboxyl-terminal region.

4. (Currently Amended) The protein of claim 1, wherein the polyanionic domain contains ~~about~~ 10 to 30 anionic amino acid residues.

5. (Currently Amended) The protein of claim 1, wherein the polyanionic domain further comprises anionic amino acid residues ~~are~~ selected from the group consisting of glutamic acid residues, aspartic acid residues, and any combination thereof.

6-16. (Cancelled).

17. (Currently Amended) The protein of claim ~~9~~ 1, wherein x is 5 ~~and n is 14~~.

18. (Currently Amended) The protein of claim ~~9~~ 1, wherein x is 6 ~~and n is 14~~.

19-55. (Cancelled).

56. (Original) A plurality of fusion proteins of claim 1.

57. (Currently Amended) A fusion protein comprising:

(a) a subject protein; and

(b) a polyanionic domain attached to the subject protein at a terminal region, wherein the polyanionic domain binds to a polycationic coating deposited on a solid support and the polyanionic domain has the formula -[-(SEQ ID NO:1)$_x$-SEQ ID NO:7-]-$_n$ or -[-(SEQ ID NO:1)$_y$-SEQ ID NO:8-]-$_m$, wherein x or y is 0, 1, 2, 3, 4, 5, 6, 7 or 8 and ~~n~~ or m is an integer between ~~about~~ 1 and 40, and wherein SEQ ID NO:1 is Ala-Gly, SEQ ID NO:7 is Pro-Asp-Gly and SEQ ID NO:8 is Asp-Gly, wherein the terminal region is the amino-terminal region.

58. (New) The protein of claim 3, wherein the polyanionic domain further comprises anionic amino acid residues selected from the group consisting of glutamic acid residues, aspartic acid residues, and any combination thereof.

59. (New) The protein of claim 57, wherein the polyanionic domain further comprises anionic amino acid residues selected from the group consisting of glutamic acid residues, aspartic acid residues, and any combination thereof.

60. (New) A fusion protein comprising:

(a) a subject protein; and

(b) a polyanionic domain attached to the subject protein at a terminal region, wherein the polyanionic domain binds to a polycationic coating deposited on a solid support and the polyanionic domain has the formula -[-(SEQ ID NO:1)$_x$-SEQ ID NO:7-]-$_n$ or -[-(SEQ ID NO:1)$_y$-SEQ ID NO:8-]-$_m$, wherein x or y is 0, 1, 2, 3, 4, 5, 6, 7 or 8 and n or m is an integer between 1 and 40, and wherein SEQ ID NO:1 is Ala-Gly, SEQ ID NO:7 is Pro-Asp-Gly and SEQ ID NO:8 is Asp-Gly, wherein the terminal region is the carboxyl-terminal region.

61. (New) The protein of claim 60, wherein the polyanionic domain further comprises anionic amino acid residues selected from the group consisting of glutamic acid residues, aspartic acid residues, and any combination thereof.